[21st February 1934

Appendix II.

[Vide answer to question No. 647 asked by Mr. G. Simhachalam Pantulu at the meeting of the Legislative Council held on the 21st February 1934, page 14 supra.]

Letter from the Executive Engineer, Kistna Western Division, to the Superintending Engineer, Bezwada Circle, dated 20th December 1933, No. 776-S.E.

[Drains—Kistna Western delta—Bapatla taluk—Legislative Council question.]

The area liable to submersion in the taluk of Bapatla (the portion between Bapatla and Tenali) can for the purposes of drainage be divided into two basins, viz. (1) Kollimerla basin and (2) the Appikatla basin:—

(1) *Kollimerla basin.*—This comprises of the area between Commamur canal and the Steels channel on the north and the west, Ramanappa channel and its branches and the Etheru channel on the south, and Srirangapuram channel on the east. The villages affected in this basin are (*a*) Vallabharaopalem, (*b*) Upparapalem, (*c*) Nandur and (*d*) Bodipalem. This basin covers an extent of about 50 square miles and is flooded by the Kollimerla drain which receives drainage through the Jupudi and Doppalapudi affluents on the left, the Pandrapad affluent, the Dundugalmetta and Chundurupalli drains on the right. During times of abnormally heavy rainfall, the villages of Vallabharaopalem, Upparapalem and Nandur, being low in level, are mostly subject to severe submersion.

(2) *Appikatla basin.*—This comprises of the area bounded by the new Valicherla channel in the west, Ramanappa channel and its branches, and Ethuru channel on the north, Tungabhadra drain on the east and the Nallamada drain on the south and covers an extent of about 16 square miles. The villages affected are (*a*) Appikatla and (*b*) Nereduballi. This area is submerged in the floods of the Marripudi drain and the Appikatla drain, the latter served by two minor drains, viz., (1) the Inagarthipad drain and (2) Gopapuram affluent.

The drains in the Kollimerla basin have been functioning satisfactorily except in the lower reach of the Kollimerla drain from 4/5 to 10/6 (at Guntur-Bapatla road crossing) which has a very meandering course. It is proposed to straighten the course in this reach, and necessary plans and estimates have been prepared and submitted to the Superintending Engineer. The execution of this straight cut will afford considerable relief to the lands now affected by submersion. In the years 1931, 1932 and 1933 repairs to an extent of nearly Rs. 3,000 have been annually carried out for removing shoals and easing the curves for free discharge of the drainage in the Kollimerla drain.

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The drains in the Appikatla basin are in an efficient condition and are functioning satisfactorily. There seem to be no complaints of submersion in this area in years of normal rainfall. Silt clearance, was done in the year 1932 in Appikatla, Inagarthipad and Marripudi drains for Rs. 1,100, Rs. 700 and Rs. 300, respectively.

A statement showing the remissions granted in these villages during the last three years is appended. The remission granted were greatest in the year 1931, as in this year there were abnormal rains.

General.—These drains fall into the old course of the Nallamada drain below the point of diversion which joins the Tungabhadra drain. There is scope for improving the drainage facilities in this area by removing bends and excavating straight cuts wherever necessary for the Tungabhadra drain below the Railway bridge and below the Allur straight cut. The course below the Allur straight cut up to its infall into the Salt Creek below Nizampatam Lock is further blocked up by Forest growth on either side, and it is essential to remove this obstruction. The Forest Department have permitted us to do the clearing and estimate is under preparation.

Appendix.

Statement showing the remissions of land revenue granted on account of excess or deficiency of water, during the last three years in the portion between Bapatla and Tenali.

Names of villages.	Years and amounts remitted.		
	1930.	1931.	1932.
(1)	(2)	(3)	(4)
	RS. A. P.	RS. A. P.	RS. A. P.
Vadlamudi	5 12 0	..	..
Mannava	23 7 0	..	..
Vallabharaopalem	844 0 0	1,586 14 0	374 14 0
Upparapalem	22 15 0	264 8 0	11 4 0
Nandur	344 4 0	565 2 0	310 8 0
Bodipalem	53 3 0	91 1 0	112 15 0
Garikipad	..	143 11 0	138 2 0
Etheru	..	66 9 0	..
Neredupalli	..	342 12 0	..
Appikatla	..	132 5 0	..
Gopapuram	..	..	10 13 0